

Place
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Plutonium Futures—The Science
Los Alamos National Laboratory
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Kyu C. Kim, co-chair

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Please visit our Web site to view our Organizing Committee members and our Program Committee members.

Second Announcement

If you are interested in **Plutonium Futures—The Science** and wish to receive the second announcement along with additional information, please apply on the Web site at www.lanl.gov/pu2003 or complete the attached reply card and return it by **August 31, 2002** to

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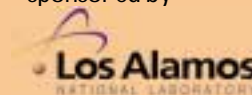
First Announcement



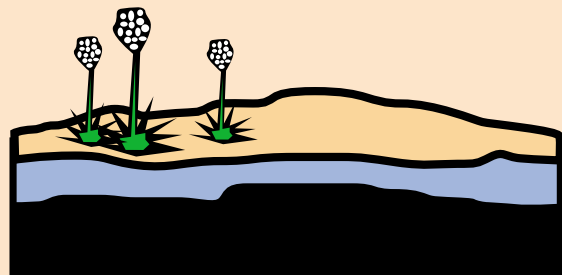
4-Day Topical Conference on Plutonium and Actinides

July 6–10, 2003

sponsored by



In cooperation with
four technical divisions of the
American Nuclear Society



Preface

This conference, third in a series, will provide an international forum for presentation and discussion of current research on physical and chemical properties and environmental interactions of plutonium and other actinide elements. A number of issues surrounding plutonium and other actinides deserve and receive significant national and international attention, including the safe storage and long-term management of surplus weapons materials, and the management of large inventories of actinides from civilian nuclear power generation. The technical basis for addressing these issues requires intensive and increasing understanding of the underlying plutonium and actinide science and technology.

About the Conference

The conference will provide opportunities to examine present knowledge of the chemical and physical properties of plutonium and other actinides in complex media and materials, to discuss the current and emerging science (chemistry, physics, materials science, nuclear science, and environmental effects) of plutonium and actinides relevant to enhancing global nuclear security, and to exchange ideas. The conference will also provide a forum for illustrating and enhancing capabilities and interests and assessing issues in these areas. Scientists, engineers, and students from universities, national laboratories, DOE's nuclear complex, and from throughout the world, are encouraged to participate and make technical contributions.

Scientific Program

The scientific program will consist of a series of invited plenary and keynote lectures followed by presentations of invited and contributed papers in oral and poster sessions. The plenary sessions will include participation by policy makers as well as scientific leaders. Repeating a very successful innovation introduced in the previous conference, there will be a half-day introductory tutorial session on actinide science for students and non-specialists on Sunday afternoon before the official start of the conference. English is the official language of the conference. The extended abstracts from the conference will be published in hard copy and CD-ROM formats.

Conference Scope

The conference will cover scientific topics in plutonium and actinide sciences including actinides in the environment and the science underlying plutonium disposition. Anticipated conference subtopics include

- Materials science
- Nuclear fuels
- Condensed matter physics
- Actinides in the environment
- Separations, detection, analysis
- Processing
- Storage, disposal, waste
- Novel plutonium/actinide compounds and complexes.

Conference Location

The **Plutonium Futures—The Science** conference will be held at the Albuquerque Marriott Hotel in Albuquerque, New Mexico, July 6-10, 2003. Albuquerque is the largest city in New Mexico, the Land of Enchantment, and is located at the base of the Sandia Mountains, 5,000 feet above sea level. Historic Native American and Hispanic cultures mingle with modern Southwestern metropolitan life. Albuquerque's high desert climate and cultural diversity provide opportunities for visiting Indian Pueblos, shopping in Spanish Old Town, taking the tram and/or hiking on Sandia Peak, and enjoying Southwestern and New Mexican cuisine.

Hotel Information

The Albuquerque Marriott is located just five minutes by car from downtown Albuquerque and eight miles from the Albuquerque Sunport International Airport. It is within walking distance of Winrock and Coronado malls in the uptown business district and is surrounded by restaurants, theaters and local attractions. For reservations: call US toll-free 1-800-228-9290; international reservations call 1-505-881-6800; fax to Marriott reservations at 1-505-881-1780; or make Internet reservations at www.marriott.com/ABQNM. By arrangement with Marriott, a block of rooms has been set aside for conference attendees. A special rate is being offered for these rooms. Reservations are available on a first-come, first-served basis starting July 2002, a year before the conference, at which time a group code needed for Internet reservations will be available. Information on other nearby hotels can be found on the Internet at www.abqcvb.org.

Registration and Student Participation

The early registration fee is \$350 (\$300 for members of the American Nuclear Society). For attendees registering after June 5, 2003 the registration fee will be \$450 (\$400 for ANS members). The registration fee will be waived for all students and postdoctoral fellows. In addition, financial assistance for travel expenses is available for students and postdoctoral fellows who present papers. For more information on student participation and financial assistance please see the conference Web site.

Internet Homepage

The **Plutonium Futures—The Science** conference maintains a homepage on the Internet at www.lanl.gov/pu2003. This page is updated frequently with information about the conference. You can also use this address to request more information via the World Wide Web.

To receive further mailings about the Plutonium Futures—The Science conference, including registration materials, please return this response form to us by mail or FAX, e-mail to puconf2003@lanl.gov or submit your request on the conference Web site, www.lanl.gov/pu2003. Please print or type information.

____ Please send me the second conference circular and registration forms for Plutonium Futures—The Science.
____ I plan to attend Plutonium Futures—The Science.
____ I expect to be accompanied by _____ person(s) who will not attend the technical sessions.
____ I would like to present a talk _____ or poster _____. My tentative title or topic is _____.

Last name: _____ First name: _____ Title: Prof. Dr. Ms. Mr.
Organization: _____
Mailing Address: _____

Telephone: _____ FAX _____ E-mail: _____